

IN THE CLAIMS

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 - Claim 21 (cancelled)

Claim 22 (Currently Amended) A device for the estimation of distribution and severity of rainfall-derived infiltration and inflow comprising:

means for estimating the distribution and severity of rainfall-derived infiltration and inflow into a sewer system for outputting the distribution and severity of rainfall-derived infiltration and inflow in each of a plurality of districts;

said means for estimating the distribution and severity of rainfall-derived infiltration and inflow including:

processing means for

- i) performing a pattern matching analysis between rainfall-derived infiltration and inflow factor information for each of said districts and the amount of rainfall-derived infiltration and inflow at a corresponding base point located downstream of each of said districts, and;

outputting the results of said pattern matching analysis.